DXCC OR WAZ

SO. CALIF DX CLUB

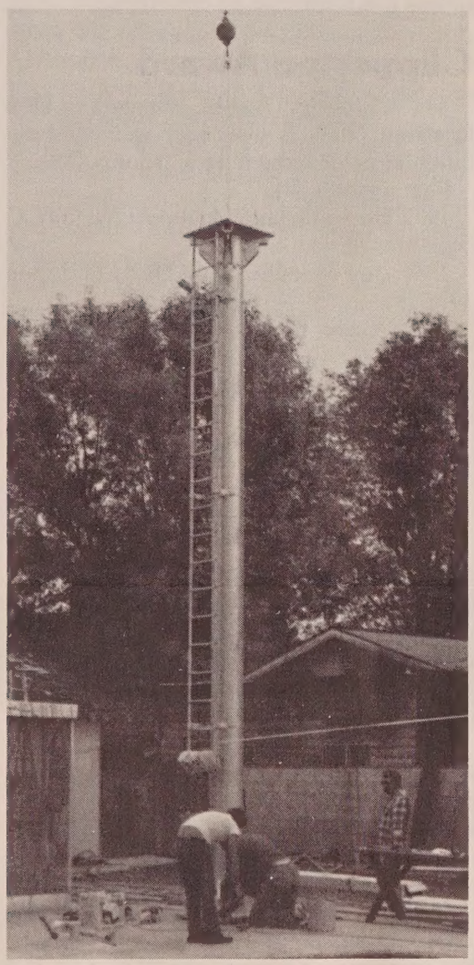
Bulletin

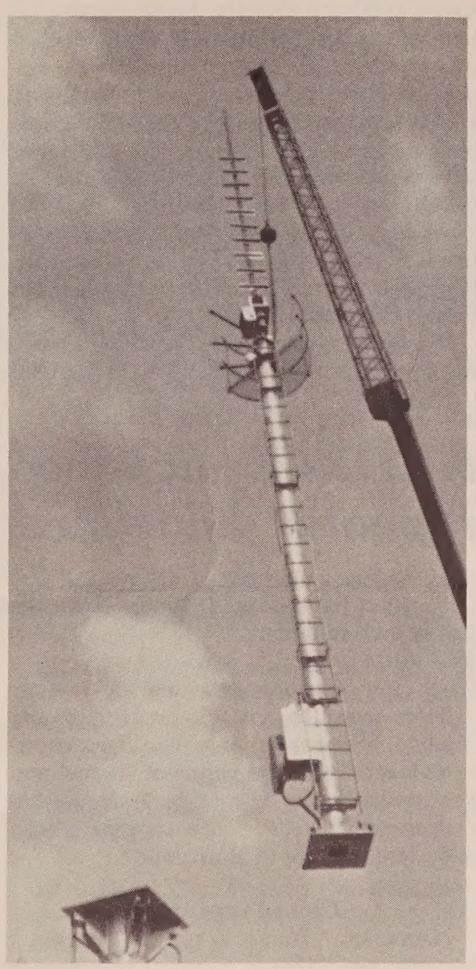
January 1984

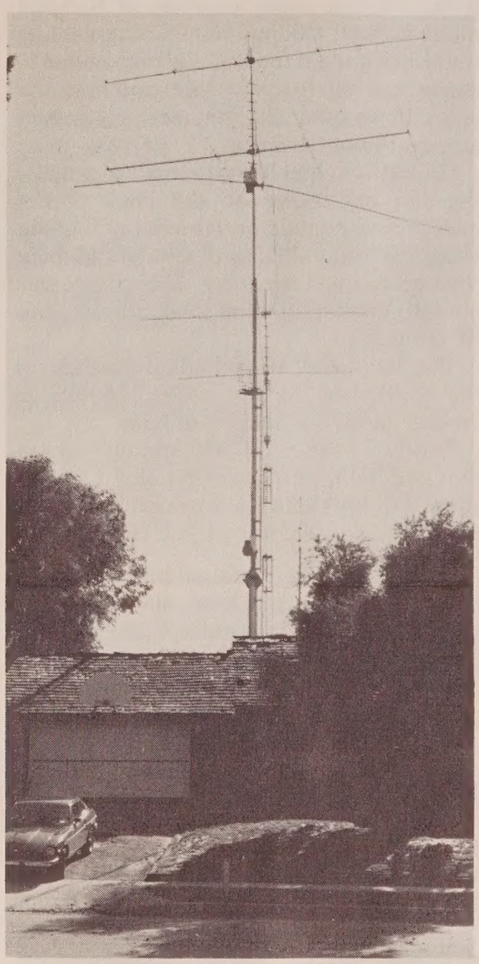
President: Neil Kaltman, K6SMF □ Vice President: Joe Locascio, K5KT
Treasurer: Don Moses, W6UY □ Secretary: Jan Perkins, N6AW
Directors: Jim Stevenson, KM6B; Don Bostrom, N6IC; Jim Rafferty, N6RJ; Bob Cobb, W6CN (membership); Mike Hudgens, W6YQ (bulletin)

Next meeting: Thursday, January 12, 1984, at 7:30 PM in the DWP Cafeteria, 111 Hope Street.

Please plan to attend. New officers are to be elected (by secret ballot, as specified in our constitution), and your vote could determine the club's direction in 1984.







BIG IS GOOD—This was the scene at KM6B in mid October. On the Sky Needle is a 5-element 20-meter at 115 feet, a 4-element 40 at 95 and below, a 3-element delta loop. Tower No. 2 supports a 6-element 15 and a 6-element 10.

Board nominates W6UY

Active DXers make up the 1984 slate named by the SCDXC board of directors on December 1, and both the presidential and vice presidential candidates are on the ARRL Honor Roll:

- Don Moses, W6UY, for president.
- Fried Heyn, WA6WZO, for vice president.
- Esther Wolf, KB6HW, for treasurer.
- Dan Davitt, N6CGB, for secretary.
- Paul Robinson, W6GYM, for membership chairman.
- Chris Williams, KG6AR, for director.

Neil Kaltman, K6SMF, SCDXC president, moves into a director's slot, and Don Bostrom, N6IC, has agreed to serve another year. *Bulletin* editor Mike Hudgens, W6YQ, had resigned effective Jan. 1 but was asked by Moses to continue until 1985.

Moses, principal director of Aerospace Corp., has been on the Honor Roll three years. First licensed as K8MHA and later as WA6LLY, he's been in SCDXC 15 years and has served as treasurer the past two years. He and his wife have a daughter and a son.

Fried Heyn, a high school mathematics teacher, recently made the Honor Roll. A past treasurer of SCDXC, Heyn currently serves as ARRL vice director of the Southwestern Division. He's past SCM for the Orange Section, a post now held by his wife Sandy, WA6WZN, who is president of the YLRL. Their daughter, 21, holds the call KA6DGA.

Esther Wolf, with 150 confirmed, is a teacher in the Los Angeles school system. She is a resource specialist, teaching children who have special needs. Wolf also serves as treasurer for Taurus, Inc., her husband's company. They have two children, one in college, one in high school.

Paul Robinson has held W6GYM, his original call, since 1935. He has 250 confirmed. An architect in private practice since 1955, he has two sons, a dentist and a photographer.

Continued on page 4

TS-930S hum cured

By Pete Kreager, W6UYW

My new Kenwood TS-930S is a real pleasure to operate. The features are especially nice for working DX. However, there was one outstanding problem that plagued me for a couple of months after purchasing it—a very bad microphone hum on SSB.

All late model 930s (after Sn 308xxxx) seem to have the hum problem to varying degrees. If you use VOX and/or have a bias switch on a separate final amplifier, the hum is not as noticeable as when in transmit mode without talking. The voice covers up the hum if it is not too bad and only seems to cause a slight growl or distortion on the voice. In my case, the hum was very noticeable on top of the voice.

I found a fix, that being to short across L3, the 150 uH choke on the back of the microphone connector. It turns out that the choke picks up AC, feeding it to the mike preamp through the mike. This choke was put into the microphone shield to eliminate RF feedback.

The amount of AC picked up depends on the orientation of the choke. Moving it around varies the amount of hum.

Finally, choke in my 930 and two others that had hum were green in color. I understand that 930s with black or orange chokes are not subject to hum pickup (these probably are toroids).

Minutes

of the last meeting

By Jan Perkins, N6AW

The December meeting was held at the Proud Bird Restaurant in El Segundo. Cocktail hour began with the early arrivals at 6 PM.

Dinner was served at 7:30. SCDXC president Neil Kaltman, K6SMF, introduced Father Edmund, HV2VO, a surprise guest (SCDXC had provided him with a linear amplifier earlier in the year).

At 8:45 the meeting was called to order. K6SMF said the club has 250 rooms booked at Visalia for the DX Convention, April 13-15. Call (209) 651-5000 for reservations, not the 800 number.

Volunteers are needed for convention assistance. Contact Neil for further information.

The slate of officers selected by the board was introduced: Don Moses, W6UY, for president; Fried Heyn, WA6WZO, vice president; Esther Wolf, KB6HW, treasurer; Dan Davitt, N6CGB, secretary; Paul Robinson, W6GYM, membership; Chris Williams, KG6AR, and Don Bostrom, N6IC, directors; and Mike Hudgens, W6YQ, bulletin editor.

Neil thanked the current officers for their assistance during 1983.

Chuck Lobb, KN6H, was the main speaker for the evening. Some years ago, he'd spent several months in Greenland, and his presentation included survival considerations on the ice.

The engineering task of his group was to design a non-radiating system to navigate from the coast to more than 200 miles inland. The solution was a pair of buried wires under the length of the road, with a small current flowing.

Incidently, the mathematical buffs will realize that this is an ideal longwire for 80 (over 3,000 wavelengths long). As the ice had an average thickness of 10,000 feet, it was also over 100 wavelengths high!

Next, Dave Bell, W6AQ, was introduced. He had just returned from the Middle East and a visit with JY1, King Hussein. Dave videotaped the QSO between JY1 and Dr. Owen Garriott, W5LFL, aboard STS-9. While in Jordan, many club members worked Dave, signing JY8AQ. On his return trip, Dave delivered an SB200 to the Vatican for Father Edmund, HV2VO.

Finally, prizes were awarded. The winner of the grand prize, an S15 HT, was WA6LOD.

NCDXC publishes repeater guidelines

In the latest issue of *The DXer*, NCDXC has issued the following guidelines on the use of their repeater:

Demonstrations

Train users to not ask for or give any repeater demonstrations. The demonstrations encourage the jammers to jam and encourage non-members to transmit unchallenged. Instead, call a specific station and communicate with him/her.

Closed repeater

Never say "This is a closed repeater." Instead, say "This is a specialty repeater used primarily for DX announcements." The words *closed repeater* beg an argument and should not be used. After all, we encourage DX announcements from non-members, especially countries we need. Why not say so?

Break

Never say "break." Instead, say "DX announcement," or say "Emergency," or just say your call (see next paragraph). The protocol on our repeater has been to say "DX announcement" and go ahead with the announcement, without waiting for the stations using the repeater to acknowledge the announcement and stand by for it. Other repeaters use "break," which implies that the stations using the repeater will break their communication and turn it over to the station who said "break." By saying "DX announcement" and going ahead, we are not placed in the position of waiting to be acknowledged by a jammer. The way to enforce this would be to eliminate the use of the word *break* by members.

Entering existing communication

Members should be trained to enter existing communication by saying their call sign during the hang-time.

Unidentified stations

Do not respond in any way to transmissions made by an unknown or unidentified station unless it is obviously an emergency.

Clipperton Award

The Clipperton Award, donated by Don Bostrom, N6IC, is given each year in recognition of achievement as a "rookie DXer."

Past winners are:

1979: **Steve Orland, AA6AA:** 251 DXCC countries during 1977-78.

1980: **Joe Merdler, N6AHU:** 231 during 1978-79.

1981: **Gary Pesselt, WB6PSY:** 180 in 1979-80, all on 10 meters.

1982: **Dick Emrich, NN6U:** (total not available at presstime).

1983: **Chris Akiyoshi, NE6B:** 230 in 1981-82.

Here are the rules as they appear in our by-laws:

- Confirmed DX contacts shall count for 12 months from working the first DX country in the beginning membership year.
- The award shall be an engraved perpetual plaque. The perpetual trophy shall be replaced by a permanent plaque when it is awarded to the new winner.
- Selection of the winner will be by the board of directors.
- The "Rookie DXer" having the most confirmed countries for the one-year period shall be declared the winner.

If you believe you might qualify for the 1984 Clipperton Award, bring your cards to the upcoming meeting and let one of the board members check them.

Club news

Dues in the amount of $12 are payable any time after January 1.

Pre-registration for Visalia is not going to cost you as much this year—only $38 ($42 after March 15). Send a check to Nick Winter, WB6DXU, and if you are among the first 500, you'll receive a convention patch—free. The dates are April 13-15. Rooms at the Holiday Inn are $40 for a single, $47 for a double. For reservations, call (209) 651-5000. Don't call the 800 number, we're told.

For their invaluable assistance in keeping the SCDXC repeater going, 1984 dues have been waived for Abel Montes, N6ENL; Paul Maratto, KC5JK; and, of course, Cleyon Yowell, AD6P. The club is grateful to these individuals.

W6AQ scoops world press

The top news story on Sunday, December 4, was the King of Jordan, Hussein I, making a 2-meter contact with Dr. Owen Garriott aboard the STS-9. For the next day and a half, the exchange between JY1 and W5LFL was on radio and television.

Without doubt, this falls into the category of a scoop, and in case you didn't know, Dave Bell, W6AQ, was the one who got the story. He videotaped the QSO at the palace in Amman, transmitted the audio via twisted pair back to Houston, and brought the tape to Los Angeles on his return flight.

In an interview a few days later, Dave recounted events leading up to the QSO:

"The Palace is in the middle of town, like our White House. We'd gone there Saturday (December 3) to set up lights. He has nice shack—a room about 20 by 20—and the HF equipment is all Drake. He must have every accessory they make for his TR7s. He uses ICOM gear on 2 meters and 450.

"Sunday morning we went back, and Hussein came in a few minutes before eight, about 7:50. Actually, Garriott got on just a bit late. He was practically over Amman when they made contact at 8:06 AM. They could have started 10 minutes earlier."

The King, however, had no complaints, Dave said. "He's a quiet, unassuming fellow, very calm, but it greatly pleased him when Garriott said he was the first non-North American station he had worked during the flight. And Hussein's congratulations to the U.S. were very warm, which is significant at a time when the whole Middle East is upset with the U.S. over the pact with Israel."

On December 2 and 3, several Southern California stations worked Dave, signing JY8AQ, on 20-meter CW and SSB. He was at JY6ZZ, the club station, which, he said, "is in a building on the fairgrounds. In fact, the gear is in the room where the club meets. So at 4:30 or so in the afternoon when it's long path to the West Coast, all these guys are congregating there with 2-meter HTs and wondering what the hell I'm doing trying to work CW."

The antenna system was not exactly the optimum choice for reliable communication with W6-7. "They have a 3-element Mosley at about 30 feet, and a trap dipole for 40 meters. I called CQ on 40 at long path time a couple of days running, but all I got was Russians. "You have to realize that W6s and 7s are S5 to S7 or 8, and the Russians are 10 over 9. It's tough. So I stuck with 20, and I went to CW so I could hear."

Dave plans to have a presentation on the trip. Incidentally, he will be master of ceremonies at Visalia April 13-15, 1984.

—**W6YQ**

DX news

(This information is updated in a 110-baud ASCII bulletin sent Tuesdays at 02z on 14088 KHz and 0210z on 3598 KHz.)

LACCADIVES...At our presstime, the chances were good for **VU7WCY**, operated by **VU2BBJ, VU2RO** and **VU2TN**. The licenses are good to the end of the month.

ANDAMAN ISLANDS likewise. Papers were being processed.

ZL1AMO says of **Kermadec:** "ZL/VK DXpedition now looks good for February/March 1984. This was when Jim Smith, VK9NS, was to go.

XU1SS, KAMPUCHEA, appears on 20 CW 11-1230z.

KC6/DL1VU at Eastern Carolines until early January, when he goes to C21NI. Cards to DB5UJ.

DESECHEO...HI3RST/KP5 set Jan 6-8.

CLIPPERTON seems cast in concrete for March 5-23.

KNIGHTS OF MALTA operation early January or maybe late December.

GALAPAGOS: HC1SK/HC8 on Dec 27-Jan 2.

S79SM shows on the low end of 40 around 15z; cards to Box 84, Mahe.

VU2CZ reports that **VU2IF** will be on from the Antarctic January to March, 1984, with a special call, **AT0A.** QSL to Box 4015, New Delhi 017.

DL7NS/HB0 Jan 6-38 all bands. Klaus will be looking for W6/7 on 80 meters.

DXNS reports that **OH2BAH** is in Uganda with a transceiver and vertical just in case, but the chances of John receiving permission to operate are almost nil.

PY7ZZ says there is *no* activity from **PY0** at present, so disregard the station signing **PY0T.**

UG6GAI on 7000 at 1430...**FB8WK** 7011 at 0300 and 7017 at 1737. He has also been showing on RTTY: 14090 at 15z. Cards go to F6EYB...**3X4EX** also turns up on RTTY around 17z on that freq...**C31NG** 7010 at 04z....

A92F and **HZ1AB** worked on 75-meter SSB around 14z. So was **FR0FLO**: 3779 1430...**PZ1DV** might be a new one for some. He's been on 3505 and 3706 at 04z.

State of the bands

Ten-meter openings are short and scarce. Africa is sometimes heard around 18z. South America openings continue from 19-23z. The Pacific is heard after 21z, and the South Pacific about 2230z. JAs come in about 24z and ZL/VK an hour or so later.

Fifteen still gets weak openings over the North Pole from 1430-1630. Occasional long path openings straight south occur from 03-04z (Zones 17 and 18). Africa can be copied 17 to 21z, and South America until sunset.

Quiet in the evenings, **twenty** comes to life after 14z. The long path openings include APs and VUs straight south, and Middle East/North Africa openings over New Zealand. Western Europe is worked on the same path starting about 16z.

Forty comes to life two hours before sunset. Europe and Africa short path, and Zones 22 and 39 over South America (120 degrees). Starting at 13z, the Middle East and Central Asia are heard long path. Western Europe peaks at 1430z, and Zone 39 is heard over Japan as late as 1730z.

Eighty long path at 1400-1420 has yielded several Middle East and Central Asia openings. Western Europe and Zone 20 are sometimes heard for another 30 minutes.

—**N6AW**

Classified

CUSTOMIZED QSLs by W6BA, $19.75 for 1000 plus shipping. No standard forms. We try to print what you want. Black ink on color 110-pound stock. Write for samples. Bill Adams, W6BA; Star Route 2, 29 Palms, CA 92277.

WANTED: 75S3 rcvr with double xtal deck and 200-Hz filter; round emblem preferred. Don, W6AM (213) 424-3459 or 377-4120.

NEW WINDSPEED INDICATOR will save your antennas: $59 (includes shipping). Nick, WB6DXU, 1426 North Avon, Burbank 91505 (213) 842-5983.

SOFTWARE: Kantronics Hamtext for VIC20; excellent-just back from factory with latest updates: $65; Hamtext for Comm 64: $65. VIKING phone patch: $25. Mike, W6YQ (213) 445-0700.

DXCC WAZ
SO. CALIF DX CLUB

Bulletin

Published monthly by the Southern California DX Club.

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W6AUD

Board nominates W6UY

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Dan Davitt, N6CGB, with 110 confirmed, is an applications engineer for Arnold Magnetics, Culver City. He was first licensed in 1951 as W5AYP. Davitt's five children are grown and he has five grandchildren.

Chris Williams, KG6AR, is ex-N6FKA and also has 110 countries confirmed. Chris is a painting contractor by trade, and has three grown children. He's been licensed four years and a member of SCDXC for two. Of late, he's been hard at work on our Visalia effort for 1984.

Those are the candidates a majority of the board felt would best serve the needs of the club during 1984. Our constitution provides, however, that nominations may be made from the floor. It also specifies that "all said officers and directors shall be elected by a secret ballot at the regular January meeting."

Activity reports

KM6B: **BY1PK** 14145 0249 (Nov 3); **4S7EA** 14196 0152, **A71BJ** 14180 1446, **A4XJW** 14167 1445 (Nov 5); **AD1S/KH5** 14195 1500 (Nov 9); **SV1AE** 14208 1509 (Nov 10); **EA8XS** 3799 0730 (Nov 11); **3A2LF** 14215 1546, **TU2IE** 28560 1641 (Nov 13); **FB8WJ** 14201 0311 (Nov 19); **AP2MQ** 14186 0210, **DF3NZ/ST2** 14152 1527 (Nov 20); **FR0GA** 7069 1440 (Nov 23); **HK4EB** 3798 0425, **ZL8AFH** 3795 0900, **LA9ZV** 7070 1440 (Nov 24); **D68GA** 7093 0140, PZ1DV 3799 0322, **9K2AL** 14206 1553 (Nov 28); **9V1VP** 7072 1543 (Nov 29); **FH0GA** 14169 1513, **9H4G** 14223 1605 (Dec 1); **FH0GA** 7079 1420, **FR0FLO** 3789 1438, **YI1BGD** 14189 1510, **AP2MQ** 14204 1539, **9K2DO** 14218 1548, **A4XJW** 14197 1601 (Dec 2); **FR0FLO** 7080 1403, **DF3NZ/ST2** 14184 1557 (Dec 3); **DF3NZ/ ST2** 7081 1423 (Dec 4); **A92F** 14172 1519 (Dec 6); **FR0GA** 7082 1400, **HZ1AB** 7093 1501 (Dec 8); **UA6HMM** 7084 1450, **UK5SAI** 7084 1458 (Dec 9).

NG6W: **JY8RF** 14167 1515, **7X9AMC** 21268 1716 (Nov 4); **UA0YAE** 14020 0219 (Nov 12); **3A2EE** 14215 1600 (Nov 13); **5H3MI** 21267 2007 (Nov 16); **TN8EE** 21294 2133 (Nov 18); **8Q7QJ** 14215 0250 (Nov 22); **8Q7BW** 14009 0220, **AP2SQ** 14168 1549, **C53T** 14028 2359 (Nov 23); **9N1MM** 14235 0100 (Nov 24); **9K2AL** 14206 1601, **TU2MY** 21281 2305 (Nov 28); **JY8AQ** 14210 1544 (Nov 30); **DJ6SI/9L** 7004 0458 (Dec 1); **FH0GA** 14100 1654 (Dec 2); **4S7WP** 14017 0107 (Dec 4); **5H3WCY** 14217 1534 (Dec 5); **4S7EA** 14211 0133 (Dec 6); **HZ1AB** 7093 1500 (Dec 8); **YI1BGD** 14214 1521 (Dec 9).

N6AW: **S79SM** 7001 1507 (Nov 15); **BY4AA** 7011 1455 (Nov 22); **8Q7BW** 7003 1431, **UO5OBE** 7005 1450 (Nov 24); **JW5NM** 7022 1256, **FB8WK** 7017 1737 (Nov 26); **JX5V** 7012 1517, **GD4UFB** 7013 2352 (Nov 27); **J28DP** 7002 1511 (Nov 30); **JY8AQ** 14003 1543 (Dec 1); **9K2DO** 14218 1544 (Dec 2); **VU2GI** 7060 1435, **DF3NZ/ ST2** 7081 1445 (Dec 3); **OE8HFL/YK** 14251 1554 (Dec 9).

N6RJ: *Via Oscar 10:* **CT4KQ 145.905 at 1530, 4U1ITU** 145.914 1621 (Dec 3); **OE3NDA** 145.925 1712 (Dec 5); **VK2PA** 145.901 2330 (Dec 8); **FK1SB** 145.902 0034, **K6LNP/DU** 145.933 0231, **UL7DD** 145.878 0244 (Dec 10). *STS-9 contact:* **W5LFL** 145.55 1611 (Dec 6). *Equipment for this set-up included a pair of circular 14-element 2-meter yagis in phase, and a pair of circular 18-element 435 yagis in phase.*

(Next issue deadline for Activity Reports is Jan 27, 1984)